PATENT COOPERATION TREATY.

IFD

From the INTERNATIONAL SEARCHING AUTHORITY

To: MARYDILYS ANDERSON WOLF OF THE PROPERTY OF	PCT				
WOLF, GREENFIELD & SACK Gonfirmation 600 ATLANTIC AVENUE BOSTON MA 03310 DOCKETED JUL-2 2 2005 09/19/05 (2) 7	NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT AND THE WRITTEN OPINION OF THE INTERNATIONAL SEAF CHING AUTHORITY, OR THE DECLARATION (PCT Rule 44.1)				
, III)xa	Date of mailing (day/month/year) 19 JUL 2005				
Applicant's or agent's file reference H0498.70215	FOR FURTHER ACTION See paragraphs 1 and 4 below				
International application No. PCT/US04/40977	International filing date (day/month/year) 08 December 2004 (08.12.2004)				
Applicant PRESIDENT ANDFELLOWS OF HARVARD COLLEGE					
1. The applicant is hereby notified that the international search report and the written opinion of the International Searching Authority have been established and are transmitted herewith.					
Filing of amendments and statement under Article 19: The applicant is entitled, if he so wishes, to amend the claims of the international application (see Rule 46):					
When? The time limit for filing such amendments is normally two months from the date of transmittal of the international search report.					
Where? Directly to the International Bureau of WIPO, 34 chemin des Colombettes 1211 Geneva 20, Switzerland, Facsimile No.: +41 22 740 14 35					
	For more detailed instructions, see the notes on the accompanying sheet.				
2. The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect and the written opinion of the International Searching Authority are transmitted herewith.					
3. With regard to the protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:					
the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.					
	no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.				
4. Reminders					
Shortly after the expiration of 18 months from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90bis.1 and 90bis.3, respectively, before the completion of the technical preparations for international publication.					
The applicant may submit comments on an informal basis on the written opinion of the International Searching Authority to the International Bureau. The International Bureau will send a copy of such comments to all designated Offices unless an international preliminary examination report has been or is to be established. These comments would also be made available to the public but not before the expiration of 30 months from the priority date.					
Within 19 months from the priority date, but only in respect of some designated Offices, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later); otherwise, the applicant must, within 20 months from the priority date, perform the prescribed acts for entry into the national phase before those designated Offices.					
In respect of other designated Offices, the time limit of 30 months (or later) will apply even if no demand is filed within 19 months.					
See the Annex to Form PCT/IB/301 and, for details about the appl Volume II, National Chapters and the WIPO Internet site.	icable time limits, Office by Office, see the PCT Applicant's Guide,				
Name and mailing address of the ISA/ US	Authorized officer				
Mail Stop PCT, Attn: ISA/US Commissioner for Patents	Leon Lankford Junter Austra				
P.O. Box 1450 Alexandria Virginia 22313-1450					
Facsimile No. (703) 305-3230 Form PCT/ISA/220 (January 2004)					

(See notes, on accompanying sheet)

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

To:	PCT			
MARYDILYS ANDERSON WOLF, GREENFIELD & SACKS, P.C. 600 ATLANTIC AVENUE BOSTON, MA 02210	NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT AND THE WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY, OR THE DECLARATION			
	(PCT Rule 44.1)			
	Date of mailing (day/month/year)			
Applicant's or agent's file reference H0498.70215	FOR FURTHER ACTION See paragraphs 1 and 4 below			
International application No. PCT/US04/40977	International filing date (day/month/year) 08 December 2004 (08.12.2004)			
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	Where? Directly to the International Bureau of WIPO, 34 chemin des Colombettes 1211 Geneva 20, Switzerland, Facsimile No.: +41 22 740 14 35			
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In respect of other designated Offices, the time limit of 30 months				
See the Annex to Form PCT/IB/301 and, for details about the applicable time limits, Office by Office, see the PCT Applicant's Guide, Volume II, National Chapters and the WIPO Internet site.				
Name and mailing address of the ISA/ US Mail Stop PCT, Attn: ISA/US	Authorized officer Juneal Durlin M			
Commissioner for Patents	Leon Lankford			

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
Facsimile No. (703) 305-3230
Form PCT/ISA/220 (January 2004)

(See riotes on accompanying sheet)

Telephone No. 571-272-1600

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference

Applicant's or agent's file reference H0498.70215	FOR FURTHER ACTION		Form PCT/ISA/220 ere applicable, item 5 below.
International application No. PCT/US04/40977	International filing date (day 08 December 2004 (08.12.2)	/month/year) 004)	(Earliest) Priority Date (day/month/year) 08 December 2003 (08.12.2003)
Applicant PRESIDENT ANDFELLOWS OF HARVA	ARD COLLEGE		
according to Article 18. A copy is being This international search report consists of	transmitted to the Internatio	nal Bureau.	thority and is transmitted to the applicant
a. With regard to the language, the language in which it was filed, ur	less otherwise indicated unde	this item.	s of the international application in the
to this Authority	(Rule 23.1(b)).		tion of the international application furnish
b. With regard to any nucleotic	le and/or amino acid sequen	e disclosed in the	e international application, see Box No. I.
2. Certain claims were found	unsearchable (See Box No. I)	
3. Unity of invention is lackin	g (See Box No. III)		
4. With regard to the title,			
the text is approved as submi			
the text has been established	by this Authority to read as fo	llows:	*
			·
5. With regard to the abstract,			
the text is approved as submi	tted by the applicant.		
the text has been established, may, within one month from	according to Rule 38.2(b), by the date of mailing of this inte	this Authority as mational search r	it appears in Box No. IV. The applicant report, submit comments to this Authority.
 With regard to the drawings, a. the figure of the drawings to be p 	ublished with the abstract is F	gure No	
as suggested by the a			
	thority, because the applicant	failed to suggest	a figure.
[uthority, because this figure be		
b. none of the figures is to be pu		Giai aciciizes	o die invention.
rm PCT/ISA/210 (first sheet) (January 200-			****

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/40977

	A. CLASSIFICATION OF SUBJECT MATTER					
	IPC(7) : C12N 5/00					
		CL: 435/371, 366, 325 ling to International Patent Classification (IPC) or to both national classification and IPC				
	B. FIELDS SEARCHED	in national classification and if C				
		nd by classification symbols)				
	Minimum documentation searched (classification system followed by classification symbols) U.S.: 435/371, 366, 325					
	Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched					
)	Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EAST, CA, BIOSIS, MEDLINE					
	C. DOCUMENTS CONSIDERED TO BE RELEVANT					
-	Category * Citation of document, with indication, whe					
	X BAGUTTI et al. DEVELOPMENTAL BIOLOG	Y 179. pp 184-196. 1996.				
	·	:				
ļ						
	Further documents are listed in the continuation of Box C	. See patent family annex.				
	Special categories of cited documents:	"T". later document published after the international filing date or priority date and not in conflict with the application but cited to understand the				
	"A" document defining the general state of the art which is not considered to be particular relevance					
	"E" earlier application or patent published on or after the international filing da					
	"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as	"Y" document of particular relevance; the claimed invention cannot be				
	specified) "O" document referring to an oral disclosure, use, exhibition or other means	considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the est				
	3	being obvious to a person skilled in the art				
	"P" document published prior to the international filing date but later than the priority date claimed	"&" document member of the same patent family				
	Date of the actual completion of the international search	Date of mailing of the international search report				
ł	27 June 2005 (27.06.2005) Name and mailing address of the ISA/US	Authorized officer				
	Mail Stop PCT, Attn: ISA/US	Samuel Showing h				
	Commissioner for Patents					
	P.O. Box 1450 Alexandria, Virginia 22313-1450 Telephone No. 571-272-1600					
	Facsimile No. (703) 305-3230					
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Form PCT/ISA/210 (second sheet) (January 2004)